

What is claimed is:

1. An adhesive gel composition for an iontophoresis comprising (a) basic drug(s)^A, an acidic polymer^B, a poly-functional epoxy compound^C, water^D, a polyhydric alcohol^E and/or a gelatin.

2. An adhesive gel composition for an iontophoresis according to Claim 1 wherein the weight ratio of the basic drug(s) to the acidic polymer is 10:1 to 1:10.

3. An adhesive gel composition for an iontophoresis according to Claim 1 or 2 wherein the acidic polymer is one or more selected from the group consisting of a polyacrylic acid, a methoxyethylene maleic anhydride copolymer, a methoxyethylene maleic acid copolymer, an isobutylene maleic anhydride copolymer, an isobutylene maleic acid copolymer, a carboxyvinyl polymer and carboxymethyl cellulose.

4. An adhesive gel composition for an iontophoresis according to any of Claims 1 to 3 wherein the basic drug(s) is(are) in a free form.

5. An adhesive gel composition for an iontophoresis according to Claim 4 wherein the basic drug is a local anesthetic agent.

6. An adhesive gel composition for an iontophoresis according to Claim 4 wherein the basic drugs are a local anesthetic agent and a vasoconstrictor.

7. An adhesive gel composition for an iontophoresis

according to Claim 6 wherein the local anesthetic agent is lidocaine and the vasoconstrictor is epinephrine.

8. An adhesive gel composition for an iontophoresis according to Claim 7 wherein the weight ratio of lidocaine to
5 epinephrine is 1000:1 to 2:1.

9. An adhesive gel composition for an iontophoresis according to Claim 7 comprising 1 to 20 % by weight of lidocaine and 0.001 to 0.5 % by weight of epinephrine.

10. An adhesive gel composition for an iontophoresis according to Claim 7 further comprising an antioxidant.

11. An adhesive gel composition for an iontophoresis according to Claim 10 wherein the antioxidant is one or more selected from the group consisting of sodium pyrosulfite, sodium hydrogen sulfite and oxyquinoline sulfate.

12. An adhesive gel composition for an iontophoresis according to Claim 10 or 11 comprising 0.001 to 1.0 % by weight
of an antioxidant.

13. An iontophoresis device comprising a donor electrode, a reference electrode and a power supply connected electrically
20 to each of the donor electrode and the reference electrode, wherein the current output from the source device is at least one of a direct current, a pulse direct current and a pulse depolarized direct current and wherein the current rate is 0.25 to 5.00 mA·min/cm².

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